



PATENT
Attorney Docket No. 205965

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

CRYSTAL et al.

Art Unit: 1632

Application No. 09/629,074

Examiner: BAKER, Anne-Marie

Filed: July 31, 2000

For: METHOD OF ENHANCING BONE
DENSITY

RESPONSE TO OFFICE ACTION

Commissioner of Patents
Washington, D.C. 20231

Dear Sir:

In response to the Office Action, mailed November 23, 2001, please enter the following amendments and consider the following remarks.

AMENDMENTS

IN THE CLAIMS:

Please amend claims 1, 6, and 22 to read as follows:

Sub C2 1. A method for enhancing bone density or formation, the method comprising administering to at least one first cell associated with a region of a bone at least one first nucleic acid encoding at least one angiogenic protein, such that the first nucleic acid is expressed in the cell to produce the angiogenic protein, whereby bone density or formation is enhanced within the region; wherein the angiogenic protein is a vascular endothelial growth factor (VEGF), a connective tissue growth factor (CTGF), VEGF2, VEGF-C, an angiopoietin, an angiogenin, an angiogenin-2, or P1GF, wherein the first cell is within the bone or within a tissue immediately surrounding the bone.

Sub E1 6. The method of claim 1, further comprising administering to at least one second cell associated with the region at least one second nucleic acid encoding at least one osteogenic protein, such that the second nucleic acid is expressed in the cell to produce the osteogenic protein, wherein the second cell is within the bone or within a tissue immediately surrounding the bone.